

## I. Electricity

### Salt River Project (SRP)

The Salt River Project, located near Phoenix, Arizona, includes a water service area of about 375 square miles and an electric service area covering 2,900 square miles spanning portions of Maricopa, Gila and Pinal Counties in central Arizona. Water supplies from the Salt and Verde Rivers are controlled by six storage dams.

The power system includes five hydroelectric plants; three steam plants, two with separate combustion-turbine installations; and a combined-cycle plant. The project's managing entity, also known as Salt River Project (SRP), owns interests in five coal-fired generating stations, four natural gas-fired plants, and the Palo Verde Nuclear Generating Station.

*Source: [http://www.usbr.gov/projects/Project.jsp?proj\\_Name=Salt+River+Project](http://www.usbr.gov/projects/Project.jsp?proj_Name=Salt+River+Project)*

#### *Salt River Project*

1521 N. Project Drive  
Tempe AZ 85281  
602-236-8888

### Rates

SRP offers two basic plans for businesses:

- ❖ *E-32 "Time-of-Use" Rate Plan:*
- ❖ *E-36 "General Service" Rate Plan:*

Table 6.1 – Comparison of E-32 and E-36 Rate Plans

Price plan	General Service Time-of-Use (E-32)	General Service (E-36)
<b>Plan/contract terms</b>	<ul style="list-style-type: none"> <li>❖ No minimum contract length</li> <li>❖ Subject to equipment availability</li> <li>❖ Summer period is May-July and Sept-Oct; summer peak period is July and Aug; and winter period is Nov-April</li> <li>❖ Special meter may be required</li> </ul>	<ul style="list-style-type: none"> <li>❖ No minimum contract length</li> <li>❖ Summer period is May-July and Sept-Oct; summer peak period is July and Aug; and winter period is Nov-April</li> <li>❖ Special meter may be required</li> </ul>
<b>Power source</b>	Gas, coal, hydroelectric, nuclear, solar	Gas, coal, hydroelectric, nuclear, solar
<b>Special offers</b>	<ul style="list-style-type: none"> <li>❖ Automatic bill payment (SurePay)</li> <li>❖ Custom Due Date</li> <li>❖ Levelized billing (Managed Payment Plan)</li> </ul>	<ul style="list-style-type: none"> <li>❖ Automatic bill payment (SurePay)</li> <li>❖ Custom Due Date</li> <li>❖ Levelized billing (Managed Payment Plan)</li> </ul>
<b>Fees to switch energy providers</b>	None to customer	None to customer

Source: <http://www.srpnet.com/prices/business/Compare.aspx>



**E-32 “Time-of-Use” Rate Plan**

SRP's business Time-of-Use Price Plan is an optional, three-period time-of-use plan. It has on-peak, shoulder, and off-peak pricing periods. This plan is designed for businesses with electricity demand ranging from 5kW up to 1,400 kW who are able to take advantage of the lower prices in the shoulder and off-peak periods.

On the Time-of-Use plan, electricity is priced at three different levels depending on the time of day -- about 85% of the summer hours are either lower-priced off-peak or shoulder hours, offering companies the opportunity to save money.

The year is broken into 3 separate “Time-of-Use” seasons:

- ❖ Summer (May, June, September, and October)
- ❖ Summer Peak (July and August)
- ❖ Winter (November through April)

Each season is then given 3 distinct hours of use (Off-Peak, Shoulder, and On-Peak) with differing price schedules.

**Table 6.2 – Breakdown of Hours of Use for the Three Seasons For E-32 Plan**

Season	Off-Peak	Shoulder	On-Peak
<b>Summer</b>	11 pm – 11 am	11 am – 2 pm and 7 pm – 11 pm	2 pm – 7 pm
<b>Summer Peak</b>	11 pm – 11 am	11 am – 2 pm and 7 pm – 11 pm	2 pm – 7 pm
<b>Winter</b>	9 am – 5 pm and 9 pm – 5 am	5 pm – 9 pm	5 am – 9 am

Source: <http://www.srpnet.com/prices/business/Tou.aspx>

Table 6.3 – E-32 Rate Schedule for Each Season\*

Season	Off-Peak	Shoulder	On-Peak
<b>Summer</b>			
Distribution Delivery	\$0.0377	\$0.0182	\$0.0000
Transmission Delivery	\$0.0105	\$0.0119	\$0.0000
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1 – 2**	\$0.0022	\$0.0000	\$0.0000
Ancillary Services 3 – 6**	\$0.0006	\$0.0005	\$0.0005
System Benefits	\$0.0012	\$0.0012	\$0.0012
Environmental Programs Adjustment	\$0.0037	\$0.0037	\$0.0037
Competitive Customer Service	\$0.0148	\$0.0006	\$0.0001
Energy	\$0.0447	\$0.0345	\$0.0166
Fuel and Purchased Power	\$0.0312	\$0.0312	\$0.0312
<b>Total</b>	<b>\$0.1466</b>	<b>\$0.1018</b>	<b>\$0.0533</b>
<b>Summer Peak</b>			
Distribution Delivery	\$0.0388	\$0.0194	\$0.0000
Transmission Delivery	\$0.0230	\$0.0210	\$0.0000
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1 – 2**	\$0.0036	\$0.0000	\$0.0000
Ancillary Services 3 – 6**	\$0.0006	\$0.0004	\$0.0005
System Benefits	\$0.0012	\$0.0012	\$0.0012
Environmental Programs Adjustment	\$0.0037	\$0.0037	\$0.0037
Competitive Customer Service	\$0.0158	\$0.0009	\$0.0010
Energy	\$0.0488	\$0.0297	\$0.0225
Fuel and Purchased Power	\$0.0312	\$0.0312	\$0.0312
<b>Total</b>	<b>\$0.1667</b>	<b>\$0.1075</b>	<b>\$0.0601</b>

\*All rates are per kWh Charges (All kWh).

\*\*See ancillary services provided listed below.

Source: <http://www.srpnet.com/prices/pdfx/BusE320510.pdf>



**Table 6.3 – Cont’d**

Season	Off-Peak	Shoulder	On-Peak
<b>Winter</b>			
Distribution Delivery	\$0.0343	\$0.0280	\$0.0000
Transmission Delivery	\$0.0220	\$0.0100	\$0.0000
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1 – 2**	\$0.0001	\$0.0000	\$0.0000
Ancillary Services 3 – 6**	\$0.0005	\$0.0006	\$0.0001
System Benefits	\$0.0012	\$0.0012	\$0.0012
Environmental Programs Adjustment	\$0.0037	\$0.0037	\$0.0037
Competitive Customer Service	\$0.0050	\$0.0008	\$0.0000
Energy	\$0.0430	\$0.0287	\$0.0232
Fuel and Purchased Power	\$0.0249	\$0.0249	\$0.0249
<b>Total</b>	<b>\$0.1347</b>	<b>\$0.0979</b>	<b>\$0.0531</b>

**\*All rates are per kWh Charges (All kWh).**

**\*\*See ancillary services provided listed below.**

Source: <http://www.srpnet.com/prices/pdfx/BusE320510.pdf>

*Ancillary services provided include*

- ❖ Scheduling, System Control and Dispatch Service
- ❖ Reactive Supply and Voltage Control from Generation Sources Service
- ❖ Regulation and Frequency Response Service
- ❖ Energy Imbalance Service
- ❖ Operating Reserve – Spinning Reserve Service
- ❖ Operating Reserve – Supplemental Reserve Service

*Minimum Bill*

The greater of:

- ❖ The monthly service charge
- ❖ The minimum monthly dollar amount specified in a written Agreement for Electric Service

*Determination of Demand in Kilowatts*

The billing demand is the maximum thirty-minute integrated kW demand occurring during the on-peak or shoulder-peak periods of the billing cycle, as measured by meter.

*Adjustments*

- A. SRP may increase or decrease the price for Fuel and Purchased Power based on changes in the average cost of fuel and purchased power. The price for Fuel and Purchased Power is calculated for the summer and winter season based on the projected cost of fuel and purchased power, adjusted for the actual over- or under-collection of fuel and purchased power revenues relative to fuel and purchased power expenses from prior periods.
- B. SRP may adjust the Transmission Cost Adjustment Factor to recover transmission related costs or charges incurred by SRP resulting from standardized wholesale market designs, regional transmission organizations, or related activities.
- C. SRP may increase or decrease the Environmental Programs Cost Adjustment Factor based on changes in the cost of providing energy efficiency, renewable energy and other environmental programs. The price for Environmental Programs is calculated based on the projected cost of the programs, adjusted for the actual over- or under-collection of the programs relative to expenses from prior periods.
- D. SRP will increase or decrease billings under this price plan in proportion to any taxes, fees, or charges (excluding federal or state income taxes) levied or imposed by any governmental authority and payable by SRP for any services, power, or energy provided under this price plan.
- E. If the power factor falls below 85 percent lagging at any metering point during any billing period, SRP may:
1. Adjust kilowatt-hours (kWh) and/or kW during this period, for billing purposes, to equal 85 percent of kilovolt-ampere-hours (kVAh) and 85 percent of kilovolt-amperes (kVA). kWh and/or kW will be adjusted proportionately for the on-peak, shoulder-peak and off-peak periods.
  2. Require the customer to correct the power factor to an acceptable level.
  3. Require the customer to be continuously metered with a separate meter that registers kVA, kilovars (kvar), or actual power factor.

At SRP's discretion, customer may be required to pay all costs associated with additional metering.



F. If, at any time, the current in any phase exceeds the average of the currents in the three phases by more than 5 percent, at SRP's option, SRP may increase the bill for the period during which the imbalance occurs by a percentage equal to that of the imbalance.

G. Customers within the SRP distribution service territory who receive all electric services from SRP under the E-32, E-36, E-47, E-48, E-61, E-63, E-65 or E-66 price plans who meet minimum usage requirements will receive an aggregation discount on their monthly bill(s).

$$\text{Aggregation Discount} = \$0.0003/\text{kWh}$$

Single accounts meeting minimum usage levels can qualify for aggregation discounts.

Aggregate usage must meet a minimum usage requirement of 300,000 kWh per month for three consecutive months. Only those accounts receiving energy and delivery services from SRP will count towards the minimum usage requirements. If aggregate usage falls below 300,000 kWh for twelve consecutive months, SRP, at its option, may cancel the aggregation discount.

The discount will be applied only to kWh sold under the applicable price plan. The discount will be applied before the application of any credits, penalties, fees, or premiums.

H. For customers metered for billing purposes at primary voltage, SRP will deduct 1 percent of the per kW and per kWh charges from each billing. Primary voltage is defined as the same voltage found at the low side of a substation transformer, typically 12,470 volts or 4,160 volts. The deduction does not apply to monthly service charges, facilities charges (where applicable), taxes, penalties, fees, or other adjustments.

I. Customers participating in the 10-day SurePay Automatic Payment program will receive a discount on SRP charges for services supplied under this price plan in accordance with the schedule below. The discount will be applied before adding sales tax. The discount does not apply to any penalties, fees, credits or premiums. The discount will not apply to energy or services supplied by an alternative energy supplier.



SurePay Discount = 0.5% for May 2010 through April 2011 billing cycles

SurePay Discount = 0.0% for May 2011 billing cycle and thereafter

Source: <http://www.srpnet.com/prices/pdfx/BusE320510.pdf>

### **E-36 General Service Rate Plan**

The energy charge of the General Service Price Plan (E-36) uses a declining block structure, which means the price per kilowatt-hour (kWh) declines as consumption increases relative to electric demand (kilowatts used).

A "load factor block" refers to the part of the price structure where the energy charge is dependent on the amount of energy (kWh) used relative to a customer's demand (kW). A load factor block encourages customers to keep their energy usage as stable as possible -- avoiding demands that are extremely high relative to total energy usage. This promotes efficient use and operation of generation resources.

The year is also broken down into three seasons (Summer, Summer Peak, and Winter).

Source: <http://www.srpnet.com/prices/business/Default.aspx>





Table 6.4 - E-36 Rate Schedule for Each Season\*

Season	First 350 kWh	Next 180 kWh per kW**	Next 155 kWh per kW	All Add'l kWh
<b>Summer</b>				
Distribution Delivery	\$0.0121	\$0.0121	\$0.0106	\$0.0000
Transmission Delivery	\$0.0097	\$0.0089	\$0.0065	\$0.0000
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1 – 2***	\$0.0008	\$0.0008	\$0.0000	\$0.0000
Ancillary Services 3 – 6***	\$0.0004	\$0.0004	\$0.0004	\$0.0005
System Benefits	\$0.0012	\$0.0012	\$0.0012	\$0.0012
Environmental Programs Adjustment	\$0.0037	\$0.0037	\$0.0037	\$0.0037
Competitive Customer Service	\$0.0001	\$0.0004	\$0.0004	\$0.0000
Energy	\$0.0319	\$0.0321	\$0.0263	\$0.0223
Fuel and Purchased Power	\$0.0312	\$0.0312	\$0.0312	\$0.0312
<b>Total</b>	<b>\$0.0911</b>	<b>\$0.0908</b>	<b>\$0.0803</b>	<b>\$0.0589</b>
<b>Summer Peak</b>				
Distribution Delivery	\$0.0130	\$0.0127	\$0.0120	\$0.0000
Transmission Delivery	\$0.0148	\$0.0130	\$0.0099	\$0.0000
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1 – 2***	\$0.0010	\$0.0010	\$0.0000	\$0.0000
Ancillary Services 3 – 6***	\$0.0006	\$0.0006	\$0.0006	\$0.0007
System Benefits	\$0.0012	\$0.0012	\$0.0012	\$0.0012
Environmental Programs Adjustment	\$0.0037	\$0.0037	\$0.0037	\$0.0037
Competitive Customer Service	\$0.0014	\$0.0007	\$0.0007	\$0.0000
Energy	\$0.0429	\$0.0454	\$0.0330	\$0.0308
Fuel and Purchased Power	\$0.0312	\$0.0312	\$0.0312	\$0.0312
<b>Total</b>	<b>\$0.1098</b>	<b>\$0.1095</b>	<b>\$0.0923</b>	<b>\$0.0676</b>

\*Per kWh Charges

\*\* Or, if no billing demand, all remaining kWh

\*\*\* See ancillary services provided listed above.

Source: <http://www.srpnet.com/prices/pdfx/BusE36May10.pdf>

Table 6.4 – Continued\*

Season	First 350 kWh	Next 180 kWh per kW**	Next 155 kWh per kW	All Add'l kWh
<b>Winter</b>				
Distribution Delivery	\$0.0101	\$0.0095	\$0.0087	\$0.0000
Transmission Delivery	\$0.0091	\$0.0082	\$0.0056	\$0.0000
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1 – 2**	\$0.0006	\$0.0006	\$0.0000	\$0.0000
Ancillary Services 3 – 6**	\$0.0003	\$0.0003	\$0.0003	\$0.0000
System Benefits	\$0.0012	\$0.0012	\$0.0012	\$0.0012
Environmental Programs Adjustment	\$0.0037	\$0.0037	\$0.0037	\$0.0037
Competitive Customer Service	\$0.0002	\$0.0004	\$0.0000	\$0.0000
Energy	\$0.0289	\$0.0299	\$0.0268	\$0.0231
Fuel and Purchased Power	\$0.0249	\$0.0249	\$0.0249	\$0.0249
<b>Total</b>	<b>\$0.0790</b>	<b>\$0.0787</b>	<b>\$0.0712</b>	<b>\$0.0529</b>

\*Per kWh Charges

\*\* Or, if no billing demand, all remaining kWh

\*\*\* See ancillary services provided listed above.

Source: <http://www.srpnet.com/prices/pdfx/BusE36May10.pdf>

#### Ancillary Services

Same as the E-32 plan listed above.

#### Minimum Bill

Same as the E-32 plan listed above.

#### Determination of Demand in Kilowatts

- ❖ The billing demand, when applicable, is the maximum fifteen-minute integrated kW demand occurring during the billing cycle, as measured by meter.
- ❖ SRP may require demand metering for any service

#### Adjustments

Same as the E-32 plan listed above.

Source: <http://www.srpnet.com/prices/pdfx/BusE36May10.pdf>



## II. Natural Gas

### Southwest Gas

Southwest Gas Corporation serves provides natural gas to residential, commercial, and industrial customers statewide. Southwest Gas also serves customers in Nevada and portions of California.

*Southwest Gas Corporation*  
Central Arizona Division Headquarters  
10851 N. Black Canyon Highway  
Phoenix, AZ 85029  
877-860-6020

**Table 6.5 – General Gas Service**

	Delivery Charge	Rate Adjustment	Monthly Gas Cost	Currently Effective Tariff Rate
<b>Basic Service Charge per Month</b>				
Small*	\$27.50			\$27.50
Medium*	\$43.50			\$43.50
Large*	\$160.00			\$160.00
Transportation Eligible*	\$950.00			\$950.00
<b>Commodity Charge per Therm</b>				
Small, All Usage	\$0.57059	(\$0.07622)	\$0.72308	\$1.21745
Medium, All Usage	\$0.37996	(\$0.07622)	\$0.72308	\$1.02682
Large, All Usage	\$0.29084	(\$0.07622)	\$0.72308	\$0.93770
Transportation Eligible	\$0.10776	(\$0.07622)	\$0.72308	\$0.75462
<b>Demand Charge per Month</b>				
Demand Charge	\$0.062340			\$0.062340

**\*See definitions below**

Source: [http://www.swgas.com/tariffs/aztariff/rates/statement\\_of\\_rates.pdf](http://www.swgas.com/tariffs/aztariff/rates/statement_of_rates.pdf)

**Small General Gas Service**

Small general gas service customers are defined as those whose average monthly requirements on an annual basis are less than or equal to 50 therms per month.

**Medium General Gas Service**

Medium general gas service customers are those whose average monthly requirements on an annual basis are greater than 50 therms, but less than or equal to 600 therms per month.

**Large General Gas Service**

Large general gas service customers are those whose average monthly requirements on an annual basis are greater than 600 therms per month, but less than or equal to 15,000 therms per month.

**Transportation Eligible General Gas Service**

Transportation eligible gas service customers are those whose average monthly requirements on an annual basis are greater than 15,000 therms per month.

*Source: [http://www.swgas.com/tariffs/aztariff/cover/az\\_gas\\_tariff\\_no\\_7.pdf](http://www.swgas.com/tariffs/aztariff/cover/az_gas_tariff_no_7.pdf)*



### III. Water

#### Chaparral City Water Company

Chaparral City Water Company (CCWC) is an Arizona public utility company serving approximately 11,000 customers in the Town of Fountain Hills and portions of the City of Scottsdale. CCWC's service territory covers over 12,000 acres, with a year-round population in excess of 19,000 and an estimated 3,400 seasonal residents.

CCWC obtains its water supply from three operating wells and from Colorado River water delivered by the Central Arizona Project. CCWC's three wells, are capable of delivering approximately 4,000 gallons per minute of water to the distribution system, and are available to meet peaking demand, for alternate supply during treatment plant outages, for maintenance and capital improvements, and for alternate supply during CAP supply interruption.

**Table 6.6 – Schedule of Rates**

Meter Size	Rate	Meter Size	Rate
<b>0.75"*</b>		<b>4"</b>	
From 1 to 9,000 Gallons	\$2.52	From 1 to 350,000 Gallons	\$2.52
Over 9,000 Gallons	\$3.03	Over 350,000 Gallons	\$3.03
<b>1"</b>		<b>6"</b>	
From 1 to 24,000 Gallons	\$2.52	From 1 to 725,000 Gallons	\$2.52
Over 24,000 Gallons	\$3.03	Over 725,000 Gallons	\$3.03
<b>1.5"</b>		<b>8"</b>	
From 1 to 60,000 Gallons	\$2.52	From 1 to 1,125,000 Gallons	\$2.52
Over 60,000 Gallons	\$3.03	Over 1,125,000 Gallons	\$3.03
<b>2"</b>		<b>10"</b>	
From 1 to 100,000 Gallons	\$2.52	From 1 to 1,500,000 Gallons	\$2.52
Over 100,000 Gallons	\$3.03	Over 1,500,000 Gallons	\$3.03
<b>3"</b>		<b>12"</b>	
From 1 to 225,000 Gallons	\$2.52	From 1 to 2,250,000 Gallons	\$2.52
Over 225,000 Gallons	\$3.03	Over 2,250,000 Gallons	\$3.03

**\*Rates differ for Residential. All other rates include Residential, Commercial, and Industrial.**

Source: [http://www.aswater.com/Organization/Rates\\_and\\_Regulations/Chaparral\\_\\_Rates/chaparral\\_\\_rates.html](http://www.aswater.com/Organization/Rates_and_Regulations/Chaparral__Rates/chaparral__rates.html)



## IV. Sewer

### Fountain Hills Sanitary District

The Fountain Hills Sanitary District is a governmental entity separate from the Town of Fountain Hills. The District's sole purpose is to collect, treat, and dispose of wastewater and its byproducts within the Town of Fountain Hills and a very small portion of the City of Scottsdale. The District operates in accordance with Title 48 of the Arizona Revised Statutes and is governed by an elected five-person board of directors. Daily operation of the District is overseen by the District Manager.

The District was established in 1969 and constructed its first wastewater treatment facility in 1974. Today, the District operates a 2.6 million gallon per day wastewater treatment facility, 18 raw wastewater pump stations, over 200 miles of sewer lines, and an advanced water treatment facility. The District provides sewer service to over 13,000 residential connections, 300 commercial connections, and reclaimed water for irrigation to three golf courses and three town parks. The District employs a staff of 38.

Source: <http://www.az-fhsd.gov/>

#### *Fountain Hills Sanitary District*

16941 E. Pepperwood Circle  
Fountain Hills, AZ 85268  
480-837-9444



**Table 6.7 – Fountain Hills Sanitary District Rates for Businesses**

Business Category	Rate per 1,000 Gallons
Restaurants, Bars, Bakeries or Supermarkets	\$3.04
Food Preparation (Non-Restaurant), Dry Cleaners, Laundries or Mortuaries	\$2.20
Nursing Facilities, Hospitals, Clinics, Laboratories, Salons, Daycare Facilities or Automobile/Equipment Repair Facilities	\$1.90
Carwashes, Offices, Retail Stores or Other	\$1.78

For other rates please consult <http://www.az-fhsd.gov/media/pdfs/feeschedule2009-10.pdf>.

Source: <http://www.az-fhsd.gov/media/pdfs/feeschedule2009-10.pdf>

